WHAT IS CLAIMED IS:

1. A method for dispensing a single ligament of fluid with an inkjet dispenser comprising:

ejecting a first quantity of said fluid from said inkjet dispenser toward a substrate; and

ejecting a second quantity of said fluid from said inkjet dispenser toward said substrate;

wherein said second quantity of fluid is ejected from said inkjet dispenser at a frequency sufficient that said first quantity of said fluid and said second quantity of said fluid form a single ligament of said fluid prior to contacting said substrate.

2. The method of claim 1, further comprising reining in a necking phenomena of said fluid.

3. The method of claim 2, wherein said reining in a necking phenomena comprises increasing a viscosity of said fluid.

4. The method of claim 2, wherein said reining in a necking phenomena comprises decreasing a surface tension of said fluid.

5. The method of claim 4, wherein said inkjet dispenser is disposed in an inkjet printer configured to form two-dimensional characters.

6. The method of claim 5, wherein said fluid comprises ink.

7. The method of claim 1, wherein said inkjet dispenser is disposed in a solid freeform fabrication apparatus.

8. The method of claim 7, wherein said fluid comprises an object build material.

9. The method of claim 7, wherein said fluid comprises an object support material.

10. The method of claim 1, wherein said inkjet dispenser is disposed in a circuit formation apparatus.

11. The method of claim 10, wherein said fluid comprises one of a conductive circuit build material, a semi-conductive build material, or a dielectric build material.

12. The method of claim 10, wherein said single ligament of fluid contacts said substrate to form a circuit component.

13. The method of claim 12, wherein said circuit component comprises one of a transistor, a trace, a capacitor, a resistor, an antenna, a display, or a radiofrequency identification tag.

14. The method of claim 2, wherein said fluid comprises an adhesive.

15. A method for dispensing a single ligament of fluid from a thermal inkjet dispenser comprising:

ejecting a first quantity of said fluid having a head and a tail from said thermal inkjet dispenser toward a substrate; and

ejecting a second quantity of said fluid having at least a head from said thermal inkjet dispenser toward said substrate;

wherein said second quantity of fluid is ejected from said thermal inkjet dispenser at a frequency sufficient that said head of said second quantity of fluid catches said tail of said first quantity of fluid prior to contacting said substrate, thereby forming a single ligament of said fluid.

16. The method of claim 15, further comprising choosing said fluid to have a viscosity above 2 centipoise at an operating temperature of said inkjet dispenser.

17. The method of claim 15, further comprising choosing said fluid to have a surface tension below 30 dyne/centimeter.

18. A method for dispensing a single ligament of fluid from a piezoelectric inkjet dispenser comprising:

pulsing a first quantity of fluid from said piezoelectric inkjet dispenser; and

pulsing a second quantity of fluid from said piezoelectric inkjet dispenser;

wherein said second quantity of fluid from said piezoelectric inkjet dispenser is pulsed at a frequency such that a continuous ligament of fluid is dispensed.

19. The method of claim 18, wherein said continuous ligament of fluid extends from said piezoelectric dispenser to a substrate.

20. The method of claim 18, further comprising choosing said fluid to have a viscosity above 5 centipoise at operating temperatures of said piezoelectric inkjet dispenser.

21. The method of claim 18, further comprising choosing said fluid to have a surface tension below 30 dyne per centimeter.

22. A composition to be ejected from a thermal inkjet dispenser comprising:

a viscosity above 2 centipoise at operating temperatures of said inkjet dispenser; and

a surface tension below 40 dyne per centimeter;

wherein said composition forms a single ligament when ejected from said thermal inkjet dispenser.

23. The composition of claim 22, wherein said composition comprises an ink.

24. The composition of claim 22, wherein said composition comprises one of a solid freeform fabrication object build material or a solid freeform fabrication object support material.

25. The composition of claim 22, wherein said composition comprises an adhesive.

26. The composition of claim 22, wherein said composition comprises one of a conductive circuit build material, a semi-conductive build material, or a dielectric build material.

27. A composition configured to be ejected from a piezoelectric inkjet dispenser comprising:

a viscosity above 5 centipoise at operating temperatures of said piezoelectric inkjet dispenser; and

a surface tension below 30 dyne per centimeter;

wherein said composition forms a single ligament when ejected from said piezoelectric inkjet dispenser.

28. The composition of claim 27, wherein said composition comprises an ink.

29. The composition of claim 27, wherein said composition comprises one of a solid freeform fabrication object build material or a solid freeform fabrication object support material.

30. The composition of claim 27, wherein said composition comprises an adhesive.

31. The composition of claim 27, wherein said composition comprises one of a conductive circuit build material, a semi-conductive build material, or a dielectric build material.

32. A thermal inkjet dispenser configured to emit a single ligament of fluid comprising:

a firing chamber including a chamber inlet and an ejection orifice; and

a heating component coupled to said firing chamber;

wherein said heating component is configured to fire consecutive quantities of said fluid towards a substrate at a frequency sufficient to cause said consecutive quantities to form a single ligament of fluid prior to contacting said substrate.

33. The thermal inkjet dispenser of claim 32, wherein said dispenser is configured to emit a single ligament of fluid while operating at ¼ millimeter from said substrate.

34. The thermal inkjet dispenser of claim 32, wherein said firing frequency is such that subsequent firing events occur before said firing chamber may be completely refilled with said fluid.

35. The thermal inkjet dispenser of claim 32, wherein an impedance of said chamber inlet is increased to slow a fill of said firing chamber.

36. The thermal inkjet dispenser of claim 32, wherein a fluid impedance of said ejection orifice is decreased to slow a fill of said firing chamber.

37. A piezoelectric inkjet dispenser configured to emit a single ligament of fluid comprising:

a pulsing chamber including a chamber inlet and an ejection orifice; and

a piezoelectric actuator coupled to said pulsing chamber;

wherein said piezoelectric actuator is configured to pulse consecutive quantities of said fluid towards a substrate at a frequency sufficient to cause said consecutive quantities to form a single ligament of fluid .

38. The piezoelectric inkjet dispenser of claim 37, wherein said piezoelectric inkjet dispenser is configured to emit a single ligament of fluid towards a substrate while operating at ½ millimeter from said substrate.

39. The piezoelectric inkjet dispenser of claim 37, wherein said pulsing frequency is temporally adjusted to reduce the separation effects of an actuator retraction on a pulsed quantity of fluid.

40. The piezoelectric inkjet dispenser of claim 37, wherein a fluid impedance of said chamber inlet is reduced in order to increase flow into said pulsing chamber.

41. An image forming system comprising:

a computing device;

a servo mechanism communicatively coupled to said computing device; and

an inkjet dispenser coupled to said servo mechanism;

wherein said inkjet dispenser is configured to dispense a continuous ligament of fluid.

42. The image forming system of claim 41, wherein said inkjet dispenser dispenses said continuous ligament of fluid by:

ejecting a first quantity of said fluid from said inkjet dispenser toward a substrate; and ejecting a second quantity of said fluid from said inkjet dispenser toward said substrate;

wherein said second quantity of fluid is ejected from said inkjet dispenser at a frequency sufficient that said first quantity of said fluid and said second quantity of said fluid form a single ligament of said fluid prior to contacting said substrate.

43. The image forming system of claim 42, wherein said inkjet dispenser comprises a thermal inkjet dispenser.

44. The image forming system of claim 42, wherein said inkjet dispenser comprises a piezoelectric inkjet dispenser.

45. An apparatus comprising:

a fabrication bin;

a movable stage for distributing a fluid in said fabrication bin; and

an inkjet dispenser coupled to said movable stage;

wherein said inkjet dispenser is configured to dispense said fluid into said fabrication bin as a single fluid ligament.

46. The apparatus of claim 45, wherein said inkjet dispenser dispenses a single fluid ligament by:

ejecting a first quantity of said fluid from said inkjet dispenser toward a substrate; and

ejecting a second quantity of said fluid from said inkjet dispenser toward said substrate;

wherein said second quantity of fluid is ejected from said inkjet dispenser at a frequency sufficient that said first quantity of said fluid and said second quantity of said fluid form a single ligament of said fluid prior to contacting said substrate.

47. The apparatus of claim 45, wherein said fluid is dispensed during the fabrication of a three-dimensional object.

48. The apparatus of claim 45, wherein said fluid is dispensed during the fabrication of a circuit design.

49. An object created by solid freeform fabrication, said object comprising:

an inkjet dispensed material;

wherein said material was dispensed using a single ligament fluid dispensing method.

50. The object of claim 49, wherein said object further comprises a three-dimensional object.

51. The object of claim 49, wherein said object further comprises a circuit design.

52. The object of claim 49, wherein said object further comprises a two-dimensional character.

53. A means for dispensing a single ligament of fluid comprising:

a firing chamber including a chamber inlet and an ejection orifice; and

a pressurizing component coupled to said firing chamber;

wherein said pressurizing component is configured to fire consecutive quantities of said fluid towards a substrate at a frequency sufficient to cause said consecutive quantities to form a single ligament of fluid prior to contacting said substrate.

54. The means for dispensing a single ligament of fluid of claim 53, wherein said pressurizing component comprises a piezoelectric actuator.

55. The means for dispensing a single ligament of fluid of claim 53, wherein said pressurizing component comprises a thermal heating component.

56. An inkjet configured to dispense a single ligament of fluid comprising:

a fluid chambering means for chambering a quantity of fluid prior to its dispensing; and

a dispensing means for dispensing quantities of said fluid;

wherein said dispensing means is configured to dispense quantities of fluid at a frequency sufficient to form a single ligament of fluid from said quantities of fluid.

57. The inkjet of claim 56, wherein said fluid chambering means further comprises:

a fluid inlet; and

a fluid ejection orifice.

58. The inkjet of claim 57, wherein said dispensing means comprises a piezoelectric actuator.

59. The inkjet of claim 58, wherein a fluidic resistance of said fluid inlet is reduced in order to increase flow into said fluid chambering means.

60. The inkjet of claim 57, wherein said dispensing means comprises a thermal heating component.

61. The inkjet of claim 60, wherein a fluidic resistance of said fluid inlet is increased in order to reduce flow into said fluid chambering means.

62. A processor readable medium having instructions thereon for:

receiving data corresponding to a fluid dispensing operation; and controllably firing a dispenser at a frequency sufficient to dispense fluid quantities forming a single ligament of fluid material.

63. The processor readable medium of claim 62, wherein said dispenser comprises an inkjet dispenser.

64. The processor readable medium of claim 63, wherein said inkjet dispenser comprises a thermal inkjet dispenser.

65. The processor readable medium of claim 63, wherein said inkjet dispenser comprises a piezoelectric inkjet dispenser.

66. A method for dispensing a single ligament of fluid from an inkjet dispenser comprising:

operating said inkjet dispenser at distances less than ½ millimeter from a target; and

pulsing a quantity of fluid from said inkjet dispenser;

wherein said quantity of fluid from said inkjet dispenser extends from said inkjet dispenser to said target such that a continuous ligament of fluid is dispensed.

67. The method of claim 66, wherein said inkjet dispenser comprises a piezoelectric inkjet dispenser.

68. The method of claim 66, wherein said inkjet dispenser comprises a thermal inkjet dispenser.